



Patent No. 5,870,699  
Docket No. 48545.C1/1443.0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Canada et al.  
Patent No.: 5,870,699  
Issued: Feb. 9, 1999

REQUEST FOR CERTIFICATE OF CORRECTION

Certificates of Corrections Branch  
Office of Patent Publication  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**APPROVED**

JUL - 2 2002 *af.*

**FOR THE DIRECTOR OF USPTO**

**CERTIFICATE**  
SEP 04 2001  
**OF CORRECTION**

In accordance with 37 C.F.R. § 1.323, assignee CSI Technology, Inc., through its attorneys, respectfully requests that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of typographical errors on the part of the patentee and attorneys prosecuting the application and include the following:

In claim 8, column 17, line 14, the formula should be " $Y(z)=X(z)+(1-z^{-1})^nQ^n(z)$ " instead of " $(z)=X(z)+(1-Z^{-1})^nQ^n(Z)$ ". The negative sign on the second exponent and the capital "Z"'s were included by mistake and the equation as it appears in the claim does not accord with the equation as it is correctly set forth in the specification at Column 8, Line 57. The equation represents a known transfer function of a sigma delta loop. Further support for the corrected form of the equation can be found in the "DSP-Motorola Digital Signal Processors: Principles of Sigma-Delta Modulation for Analog-to-Digital Converters" article included with the IDS filed for the application.

A Certificate of Correction incorporating the above delineated changes is enclosed in duplicate herewith.

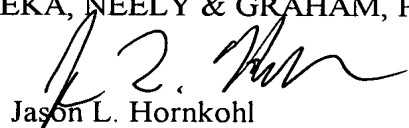
The petition fee of \$100 is paid herewith. Should proper payment not be enclosed, the check be in the wrong amount, or otherwise improper or entirely missing, please charge the

unpaid amount or credit the overage to our Deposit Account No. 12-2355. Two photocopies of this letter are also enclosed.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.

By:

  
Jason L. Hornkohl  
Registration No. 44,777

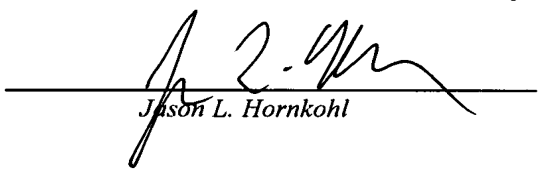
Date: August 27, 2001  
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*I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificates of Corrections Branch, Office of Patent Publication, Assistant Commissioner for Patents, Washington, D.C. 20231*

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Patent No : 5,870,699

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Dated : Feb. 9, 1999

Inventor(s) : Canada et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 17, line 14 replace " $(z)=X(z) + (1-Z^{-1})^n Q^n(Z)$ " with-- $Y(z)=X(z) + (1-z^{-1})^n Q^n(z)$ --

### MAILING ADDRESS OF SENDER:

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PATENT NO. 5,870,699

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 5,870,699  
DATED : February 9, 1999  
INVENTOR(S) : Canada et al.

Page 1 of 1

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Column 17,

Line 14, replace " $(z)=X(z)+(1-Z^{-1})^{-n}Q^n(Z)$ " with --  $Y(z)=X(z)+(1-z^{-1})^nQ^n(z)$  --

Signed and Sealed this

Twenty-third Day of July, 2002

Attest:

A handwritten signature in black ink, appearing to read "James E. Rogan", with a horizontal line drawn underneath it.

Attesting Officer

JAMES E. ROGAN  
Director of the United States Patent and Trademark Office